	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	139854	((motion or moving or tracking) with (image or images or object or target))	USPAT	2004/04/04 19:26
2	BRS	L2	9328	1 and encoding	USPAT	2004/04/04 19:26
3	BRS	L3	3301	<pre>2 and ((image or images) with (quality or evaluation))</pre>	USPAT	2004/04/04 19:30
4	BRS	L4	1256	3 and (network or web or internet)	USPAT	2004/04/04 19:28
5	BRS	L5	594	4 and mpeg\$	HSPAT	2004/04/04 19:28
6	BRS	L6	508	5 and display		2004/04/04 19:29
7	BRS	L7	459	6 and (decoding or decoder)	HSPAT	2004/04/04 19:30
8	BRS	L8	6	7 and (quality with evaluation)	:115041	2004/04/04 19:31
9	BRS	Ь9	162	7 and evaluat\$	USPAT	2004/04/04 19:31

	Comments	Error Definition	Érr ors
1			0
2			0
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7			0
8			0
9			0

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1			US	6714683	В1	20040330	12
2	⊠		US	6711211	B1	20040323	22
3	⊠		US	6711209	B1	20040323	15
4	☒		us	6707852	В1	20040316	25
5	Ø		US	6700990	В1	20040302	92
6			US	6700933	B1	20040302	34
7	\boxtimes		US	6697076	B1	20040224	142
8	×		US	6693643	В1	20040217	141
9	Ø		US	6687296	В1	20040203	27
10	☒		US	6675146	В2	20040106	61
11	⊠		us	6674911	B1	20040106	41
12			US	6661422	B1	20031209	137

	Title	Current OR	Current XRef	Retrieval Classif
1	Wavelet based feature modulation watermarks and related applications	382/240	382/100; 713/176	Classii
2	Method for encoding and decoding video information, a motion compensated video encoder and a corresponding decoder	375/240.24		
3	Adaptive motion vector field coding	375/240	348/699; 375/240.12; 375/240.15; 375/240.16; 375/240.24; 382/232; 382/236; 382/238	
4	Digital video signal encoder and encoding method	375/240.12	348/700	
5	Digital watermark decoding method	382/100		
6	System and method with advance predicted bit-plane coding for progressive fine-granularity scalable (PFGS) video coding	375/240.16	375/240.03; 375/240.25; 375/240.27	
7	Method and apparatus for address re-mapping	345/568	345/531; 345/559; 711/202; 711/203; 711/206; 711/208	
8	Method and apparatus for color space conversion	345/602	345/604	
9	Apparatus and method for transforming picture information	375/240.12		
10	Audio steganography	704/270	380/252	
11	N-dimensional data compression using set partitioning in hierarchical trees	382/240	375/240.19	
12	Video and graphics system with MPEG specific data transfer commands	345/530	345/531; 345/534; 345/547; 345/555; 345/574; 348/461; 348/474; 370/468	

	Inventor	s	С	P	2	3	4	5]	Image Doc. Displayed	PT
1	Tian, Jun et al.	Ø							US	6714683	
2	Lainema, Jani								us	6711211	
3	Lainema, Jani et al.								US	6711209	
4	Wang, Albert S.								US	6707852	
5	Rhoads, Geoffrey B.								US	6700990	
6	Wu, Feng et al.								US	6700933	
7	Trivedi, Sushma Shrikant et al.								US	6697076	
8	Trivedi, Sushma Shrikant et al.								US	6693643	
9	Sato, Kazushi et al.								US	6687296	
10	Rhoads, Geoffrey B.								US	6675146	
11	Pearlman, William A. et al.								US	6674911	
12	Valmiki, Ramanujan K. et al.								US	6661422	

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13	\boxtimes		US	6654480	B2	20031125	59
14	⊠		US	6640145	B2	20031028	129
15	×		US	6636635	В2	20031021	94
16	⊠		US	6636222	В1	20031021	137
17	×		US	6618117	В2	20030909	290
18	\boxtimes		US	6614936	B1	20030902	18
19	×		us	6614847	B1	20030902	24
20	Ø		US	6611628	В1	20030826	24
21	Ø		US	6593925	В1	20030715	27
22	Ø		US	6590998	B2	2.0030708	58
23	×		us	6590997	B2	20030708	56

	Title	Current OR	Current XRef	Retrieval Classif
13	Audio appliance and monitoring device responsive to watermark data	382/100	380/252	
14	Media recording device with packet data interface	700/83	700/17; 700/19; 700/23; 704/200; 704/201; 704/7; 709/200; 709/201; 709/202	
15	Object extraction method, and image sensing apparatus using the method		382/312	
16	Video and graphics system with an MPEG video decoder for concurrent multi-row decoding	345/505	348/461; 348/571; 348/705; 348/715; 348/721; 375/240.13; 375/240.25; 382/235; 502/506	
17	Image sensing apparatus including a microcontroller	355/18	348/207.99	
18	System and method for robust video coding using progressive fine-granularity scalable (PFGS) coding	382/238	375/240.1; 375/240.14; 382/240	
19	Content-based video compression	375/240.16	375/240.15; 375/240.23; 375/240.27; 714/756; 714/822; 714/824	
20	Method of image feature coding and method of image search	382/243		
21	Parameterized animation compression methods and arrangements	345/426		
22	noise	382/100	709/217	
23	Files and methods employing common information in both header and steganographic embedding	382/100	380/252	

	Inventor	s	С	Р	2	3	4	5	Image Doc Displaye	1 1 1
13	Rhoads, Geoffrey B.								US 6654480	
14	Hoffberg, Steven et al.								US 6640145	
15	Matsugu, Masakazu								US 6636635	
16	Valmiki, Ramanujan K. et al.								US 6636222	
17	Silverbrook, Kia								US 6618117	
18	Wu, Feng et al.								US 6614936	
19	Das, Arnab et al.								US 6614847	
20	Sekiguchi, Shunichi et al.								US 6611628	
21	Hakura, Ziyad S. et al.								US 6593925	
22	Rhoads, Geoffrey B.								US 6590998	
23	Rhoads, Geoffrey B.								US 6590997	

	Ū	1	I	Document	ID	Issue Date	Pages
24			US	6587821	В1	20030701	65
25	×		US	6587590	В1	20030701	70
26	×		υs	6580828	В1	20030617	12
27			US	6580466	B2	20030617	
28	×		υs	6577764	B2	20030610	
29	⊠		US	6573905	B1	20030603	
30	⊠		υs	6573846	В1	20030603	
31	×		US	6571015	B1	20030527	
32	Ø		US	6567780	В2	20030520	
33	⊠		US	6567533	B1	20030520	
34	☒		US	6560349	B1	20030506	
35	☒		US	6553129	B1	20030422	
36	Ø		us	6553072	B1	20030422	

								
	Title	Current OR	Current XRef	Retrieval Classif				
24	Methods for decoding watermark data from audio, and controlling audio devices in accordance therewith	704/270	380/252					
25	Method and system for computing 8.times.8 DCT/IDCT and a VLSI implementation	382/250	708/402					
26	Fast decoding	382/233	341/67; 382/246; 708/203					
27	Methods for generating image set or series with imperceptibly different images, systems therefor and applications thereof	348/700	348/173; 348/578					
28	Method for measuring and analyzing digital video quality	382/228	348/180; 375/240.27; 382/305					
29	Video and graphics system with parallel processing of graphics windows	345/629	345/501; 345/502; 345/505; 345/506; 345/519; 345/630; 348/597					
30	Method and apparatus for variable length decoding and encoding of video streams	341/67						
31	Method for compressing image information at high speed and method for transferring real-time moving images utilizing the same		382/235					
32	Audio with hidden in-band digital data	704/273	380/252					
33	Method and apparatus for discerning image distortion by reference to encoded marker signals	382/100						
34	Audio monitoring using steganographic information	382/100	725/18					
35	Computer system linked by using information in data objects	382/100						
36	System for encoding and decoding layered compressed video data	375/240.25						

	Inventor	s	С	P	2	3	4	5	Image Doc. Displayed	PT
24	Rhoads, Geoffrey B.								US 6587821	
25	Pan, Feng								US 6587590	
26	Li, Wei								US 6580828	
27	Siefken, Douglas R.									
28	Myler, Harley R. et al.									
29	MacInnis, Alexander G. et al.									
30	Trivedi, Sushma Shrikant et al.									
31	Matsuo, Katsunori et al.									
32	Rhoads, Geoffrey B.									
33	Rhoads, Geoffrey B.									
34	Rhoads, Geoffrey B.									
35	Rhoads, Geoffrey									
36	Chiang, Tihao et al.									

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37			us	6538656	B1	20030325	
38	Ø		us	6519004	B1	20030211	
39	\boxtimes		US	6496601	B1	20021217	
40	×		US	6496591	B1	20021217	
41	⊠	<u></u> .	US	6493023	B1	20021210	
42	\boxtimes		US	6473461	B1	20021029	
43	\boxtimes		US	6466624	В1	20021015	
44	☒		US	6445823	B1	20020903	
45	Ø		US	6438231	В1	20020820	
46	☒		US	6430302	B2	20020806	
47	☒		US	6424989	B1	20020723	
48	⊠		US	6421387	B1	20020716	
49	⊠		US	6418424	B1	20020709	
50	☒		US	6418166	B1	20020709	

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	Title	Current OR	Current XRef	Retrieval
	11010			Classif
37	Video and graphics system with a data transport processor	345/519	345/555; 345/556; 345/567; 345/716; 348/14.13; 348/571; 370/471; 370/473	
38	Method for transmitting video information over a communication channel	348/385.1	370/468; 375/240.11	
39	System and method for asynchronous, adaptive moving picture compression, and decompression	382/239		
40	Video copy-control with plural embedded signals	382/100	386/94	
41	Method and apparatus for evaluating the visual quality of processed digital video sequences	348/180	348/184; 348/192; 348/438.1; 348/455; 382/162; 382/167; 382/254; 382/260; 382/272; 382/286	
42	encoding	375/240.16		
43	Video decoder with bit stream based enhancements	375/240.27	375/240.12; 375/240.29	
44	Image compression	382/232		
45	Emulsion film media employing steganography	380/59	380/54	
46	Steganographically encoding a first image in accordance with a second image	382/100	382/284	
47	Object-oriented transaction computing system	709/201	718/102; 719/315	
48	Methods and systems for forward error correction based loss recovery for interactive video transmission	375/240.27		
49	Ergonomic man-machine interface incorporating adaptive pattern recognition based control system	: /	434/178; 706/52	
50	Motion estimation and block matching pattern	375/240.12		

	Inventor	S	С	P	2	3	4	5	Image Doc. Displayed	PT
37	Cheung, Francis et al.									
38	Bahl, Paramvir									
39	Migdal, Alexander A. et al.									
40	Rhoads, Geoffrey B.									
41	Watson, Andrew B.		_							
42	Wang, Albert S.									
43	Fogg, Chad Edward									
44	Liang, Jie									
45	Rhoads, Geoffrey B.									
46	Rhoads, Geoffrey B.									
47	Shaw, Venson M. et al.									
48	Rhee, Injong									
49	Hoffberg, Steven M. et al.									
50	Wu, Shou-jen Joseph et al.									

	ט	1	D	ocument	ID	Issue Date	Pages
51	\boxtimes		US	6414992	В1	20020702	
52	Ø		us	6411725	В1	20020625	
53	×		US	6408331	В1	20020618	
54	×		US	6404926	В1	20020611	
55	Ø		us	6404898	В1	20020611	
56			us	6400996	B1	20020604	
57	⊠		US	6400827	B1	20020604	
58	×		US	6381341	В1	20020430	
59			US	6381280	В1	20020430	
60	×		us	6369852	В1	20020409	
61	×		US	6363159	B1	20020326	
62	⊠		us	6349297	B1	20020219	

	Title	Current OR	Current XRef	Retrieval Classif
51	Optimal encoding of motion compensated video	375/240.13	375/240.02; 375/240.26; 375/240.29	
52	Watermark enabled video objects	382/100		
53	Computer linking methods using encoded graphics	709/217	380/28; 719/328	
54	Apparatus and method of processing image data, transmission medium, and recording medium	382/232	380/201; 380/54; 382/100; 705/57; 713/176	
55	Method and system for encoding image and audio content	382/100	380/287; 713/176	
56	Adaptive pattern recognition based control system and method	700/83	345/810; 345/840; 345/841; 370/218; 370/355; 700/17; 700/24; 700/25; 700/86; 700/87; 709/223; 709/227; 718/102; 719/318	
57	Methods for hiding in-band digital data in images and video	382/100	386/94	
58	Watermark encoding method exploiting biases inherent in original signal	382/100		
59	Single chip motion wavelet zero tree codec for image and video compression	375/240.19		
60	Analytical system for moving picture regeneration	348/192	348/553; 348/559	
61	Consumer audio appliance responsive to watermark data	382/100	380/252	
62	Information processing system for directing information request from a particular user/application, and searching/forwarding/retrieving information from unknown and large number of information resources		709/218; 719/320	

	Inventor	s	С	Р	2	3	4	5	Image Doc. Displayed	PT
51	Sriram, Parthasarathy et al.									
52	Rhoads, Geoffrey B.									
53	Rhoads, Geoffrey B.									
54	Miyahara, Nobuyoshi et al.									
55	Rhoads, Geoffrey B.									
56	Hoffberg, Steven M. et al.									
57	Rhoads, Geoffrey B.									
58	Rhoads, Geoffrey B.									
59	Lynch, William C. et al.									
60	Honda, Yoshizou									
61	Rhoads, Geoffrey B.									
62	Shaw, Venson M. et al.									

	ט	1	I	Ocument	ID	Issue Date	Pages
63	⊠		US	6343138	В1	20020129	
64	⊠		US	6341350	B1	20020122	
65	\boxtimes		US	6330335	B1	20011211	
66	⊠		US	6324573	B1	20011127	
67			US	6317885	В1	20011113	
68	×		us	6317459	B1	20011113	
69	×		us	6300976	B1	20011009	
70	⊠		US	6295546	B1	20010925	
71	⊠		us	6292589	B1	20010918	
72	⊠		US	6289297	B1	20010911	
73	⊠		US	6286036	В1	20010904	
74	⊠		US	6282242	B1	20010828	
75	☒		us	6281942	B1	20010828	

	Title	Current OR	Current XRef	Retrieval Classif
63	Security documents with hidden digital data	382/100	283/901; 382/135	
64	Device and method for processing image data, transmitting medium, and recording medium	713/176	713/178; 713/179	
65	Audio steganography	380/252	380/253; 380/254; 713/176; 713/190	
66	Linking of computers using information steganographically embedded in data objects	709/217	345/749; 345/846; 380/28	
67	Interactive entertainment and information system using television set-top box	•	725/37	
68	Digital video signal encoder and encoding method	375/240.12	375/240.03; 375/240.04	
69	Digital image capturing device having an input/output interface through which the device is controlled	348/231.99	348/552; 358/906; 396/321	
70	Method and apparatus for eliminating the transpose buffer during a decomposed forward or inverse 2-dimensional discrete cosine transform through operand decomposition, storage and retrieval	708/402	708/401	
71	Method for choosing rate control parameters in motion-compensated transform-based picture coding scheme using non-parametric technique	382/239	348/416.1; 382/238; 382/250; 382/251	
72	Method for reconstructing a video frame received from a video source over a communication channel	703/2	348/466; 375/240.19; 375/240.27; 714/798	
73	Audio- and graphics-based linking to internet	709/217	380/201; 719/313	
74	Data compression device that switches between intra-frame coding and inter-frame coding		375/240.05; 375/240.06	
75	Spatial and temporal filtering mechanism for digital motion video signals	348/607	348/606; 348/620; 348/624	

	Inventor	s	С	P	2	3	4	5	Image Doc. Displayed	PT
63	Rhoads, Geoffrey B.									
64	Miyahara, Nobuyoshi et al.									
65	Rhoads, Geoffrey B.									
66	Rhoads, Geoffrey B.									
67	Fries, Robert M.									
68	Wang, Albert S.									
69	Fukuoka, Hiroki									
70	Adiletta, Matthew J.									
71	Chow, King-Wai et al.									
72	Bahl, Paramvir									
73	Rhoads, Geoffrey B.									
74	Isozaki, Masaaki et al.									
75	Wang, Albert S.									

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76	×		US 62	72253	В1	200108	07	
77	☒		US 62	266430	B1	200107	24	
78	\boxtimes		US 62	263468	B1	200107	17	
79	⊠		US 62	263108	B1	200107	17	
80	Ø		US 62	252905	B1	200106	26	
81	×		US 62	249545	В1	200106	19	
82	\boxtimes		US 62	33590	B1	200105	15	
83	⊠		US 62	17234	В1	200104	17	
84	⊠		US 61	.81693	B1	200101	30	
85	⊠		US 61	.67155	A	200012	26	
86	☒		US 61	.67086	Α	200012	26	
87	☒		US 61	.51598	A	200011:	21	

	Title	Current OR	Current XRef	Retrieval Classif
76	Content-based video compression	382/236	382/243	
77	Audio or video steganography	382/100		
78	Apparatus and method for partial buffering transmitted data to provide robust error recovery in a lossy transmission environment		714/701; 714/746	
79	Apparatus and method for recovery of lost/damaged data in a bitstream of data based on compatibility of adjacent blocks of data		382/233	
80	Real-time evaluation of compressed picture quality within a digital video encoder	375/240.14		
81	Video compression decompression and transmission	375/240.01	382/166	
82	Server apparatus for distributed communications supporting multiple user/application environment	715/500	715/530	
83	Apparatus and method for processing data with an arithmetic unit	709/247		
84	High speed video transmission over telephone lines	370/352	348/423.1; 370/389; 379/93.08; 379/93.15; 725/87	
85	Method of isomorphic singular manifold projection and still/video imagery compression	382/232	348/699; 348/700; 375/240.12; 382/236; 382/238	
86	Overhead data processor in a memory efficient image processing system	375/240.03	348/403.1; 348/404.1; 348/405.1	
87	Digital dictionary with a communication system for the creating, updating, editing, storing, maintaining, referencing, and managing the digital dictionary	707/3	707/100; 712/1; 712/200; 715/532	

	Inventor	S	С	P	2	3	4	5	Image Doc. Displayed	PT
76	Bannon, Thomas J. et al.									
77	Rhoads, Geoffrey B.									
78	Kondo, Tetsujiro et al.									
79	Kondo, Tetsujiro et al.									
80	Pokrinchak, Stephen P. et al.									
81	Iga, Adam S.									
82	Shaw, Venson M. et al.									
83	Dewar, Kevin D. et al.									
84	Maresca, Michael									
85	Kostrzewski, Andrew et al.									
86	Yu, Haoping et al.									
87	Shaw, Venson M. et al.									

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88			US 6139	9197	A	200010	31	
89	⊠		US 613	7837	A	200010	24	
90	⊠		US 6125	5398	А	200009	26	
91	⊠		US 6122	2403	A	200009	19	
92	Ø		US 6119	9213	A	200009	12	
93	\boxtimes		US 611	5420	Α	200009	05	
94	×		US 611	5070	A	200009	05	
95	☒		US 611:	1954	A	200008	29	
96	⊠		US 6108	8448	A	200008	22	
97	⊠		US 6104	1757	A	200008	15	
98	⊠		US 6104	1430	A	200008	15	
99	⊠		US 6101	1276	A	200008	08	

				
	Title	Current OR	Current XRef	Retrieval Classif
88	Method and system automatically forwarding snapshots created from a compressed digital video stream	709/217	725/105	
89	Motion estimation for digital video with reduced number of search window pixels		348/416.1; 348/699	
90	Communications subsystem for computer-based conferencing system using both ISDN B channels for transmission	709/236	370/263; 370/431	
91	Computer system linked by using information in data objects	382/233		
92	Method for addressing data having variable data width using a fixed number of bits for address and width defining fields	711/202	711/203; 711/212; 711/220	
93	Digital video signal encoder and encoding method	375/240.03	375/240.27	
94	System and method for DCT domain inverse motion compensation using shared information	375/240.12	375/240.18; 382/232	
95	Steganographic methods and media for photography	380/54	380/59	
96	System and method for extracting spatially reduced image sequences in a motion compensated compressed format	382/235	375/240.16; 382/250; 382/298	
97	System and method of error control for interactive low-bit rate video transmission	375/240.12	375/240.27; 714/18; 714/48	
98	Digital electronic still camera which receives an input/output control program through a detachable communication interface card	348/231.6	348/375; 348/552; 358/906; 396/321; 710/111	
99	Method and apparatus for performing two pass quality video compression through pipelining and buffer management	382/236		

	Inventor	s	С	P	2	3	4	5	Image Doc. Displayed	PT
88	Banks, Jerry J.									
89	Nemiroff, Robert et al.									
90	Mirashrafi, Mojtaba et al.									
91	Rhoads, Geoffrey B.									
92	Robbins, William P.									
93	Wang, Albert S.									
94	Song, Junehwa et al.									
95	Rhoads, Geoffrey B.									
96	Song, Junehwa et al.									
97	Rhee, Injong									
98	Fukuoka, Hiroki									
99	Adiletta, Matthew James et al.									

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100	×		US	6091777	A	20000718	
101	×		US	6081750	A	20000627	
102	×		us	6067322	A	20000523	
103	×		US	6064776	A	20000516	
104	×		US	6064771	A	20000516	
105	×		US	6057882	Α	20000502	
106	Ø		US	6052706	A	20000418	
107	×		US	6026217	A	20000215	
108	Ø		US	6026193	A	20000215	
109	Ø		បន	6026183	A	20000215	
110	Ø					19991130	
111	☒		US	5995670	Α	19991130	
112	☒		US	5995080	A	19991130	
113	\boxtimes		US	5984512	A	19991116	
114	⊠		US	5983004	A	19991109	

	Title	Current OR	Current XRef	Retrieval Classif
100	Continuously adaptive digital video compression system and method for a web streamer		375/240.03; 375/240.19; 382/242	
101	Ergonomic man-machine interface incorporating adaptive pattern recognition based control system	700/17	345/520; 700/11; 700/56; 700/83; 700/86	
102	Half pixel motion estimation in motion video signal encoding	375/240.17		
103	Image processing apparatus	382/260	375/240.29; 382/261; 382/266	
104	System and method for asynchronous, adaptive moving picture compression, and decompression	382/232		
105	system	348/192	348/181	
106	Apparatus for performing fast multiplication	708/631	708/632	
107	Method and apparatus for eliminating the transpose buffer during a decomposed forward or inverse 2-dimensional discrete cosine transform through operand decomposition storage and retrieval	709/247	710/1; 710/29; 710/52; 710/58; 712/220	
108	Video steganography	382/232	348/473; 380/202	
109	Content-based video compression	382/194	382/180; 382/237	
110	Video decompression	709/247		
111	Simplified chain encoding	382/242		
112	Method and apparatus for interleaving and de-interleaving YUV pixel data	345/603	345/530; 345/555; 707/101; 711/157	
113	Method for storing video information	709/219	345/716	
114	Computer, memory, telephone, communications, and transportation system and methods	709/227		

	Inventor	s	С	P	2	3	4	5	Image Doc. Displayed	PT
100	Guetz, William N. et al.									
101	Hoffberg, Steven Mark et al.									
102	Wang, Albert S.									
103	Kikuchi, Yoshihiro et al.									
104	Migdal, Alexander A. et al.									
105	van den Branden Lambrecht, Christian J. et al.									
106	Wheeler, William R. et al.									
107	Adiletta, Matthew J.									
108	Rhoads, Geoffrey B.									
109 110 111	Talluri, Rajendra K. et al. Wise, Adrian P. et al.									
112	Zabinsky, Steven Ira Biro, Larry Louis et al.									
113	Jones, Anthony Mark et al.									
114	Shaw, Venson M. et al.									

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115	×		US	5978029	A	19991102	_
116	⊠		us	5963154	A	19991005	,
117	⊠		US	5920477	A	19990706	
118	⊠		US	5920317	A	19990706	
119	×		US	5903454	A	19990511	
120	×		US	5901246	A	19990504	
121	×		US	5896176	A	19990420	
122	⊠		US	5886736	A	19990323	
123	⊠		US	5878273	Α	19990302	
124	⊠		US	5875108	A	19990223	
125	⊠		US	5867712	A	19990202	
126	☒		US	5867386	A	19990202	

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	Title	Current OR	Current XRef	Retrieval Classif
115	Real-time encoding of video sequence employing two encoders and statistical analysis	375/240.14		
116	Technique for decoding variable and fixed length codes	341/67		
117	Human factored interface incorporating adaptive pattern recognition based controller apparatus	382/181	382/190; 700/83	
118	System and method for storing and displaying ultrasound images	345/853	345/835; 600/407; 705/3; 715/500.1; 715/512	
119	Human-factored interface corporating adaptive pattern recognition based controller apparatus	700/83	382/155; 700/45; 700/86	
120	Ergonomic man-machine interface incorporating adaptive pattern recognition based control system	382/209		
121	Content-based video compression	375/240.15	375/240.23; 375/240.27; 714/756; 714/822; 714/824	
122	Synchronization of a stereoscopic video sequence	348/43	348/42; 375/240.1; 375/240.28	
123	System for microprogrammable state machine in video parser disabling portion of processing stages responsive to sequence.sub end token generating by token generator responsive to received data	710/5	712/220	
124	Ergonomic man-machine interface incorporating adaptive pattern recognition based control system	700/17	382/181; 382/190; 700/83	
125	Single chip integrated circuit system architecture for document instruction set computing	717/127	717/140	
126	Morphological pattern recognition based controller system	700/83	382/190; 382/203; 382/209	

	Inventor	s	С	P	2	3	4	5	Image Doc. Displayed	PT
115	Boice, Charles E. et al.									
116	Wise, Adrian P. et al.									
117	Hoffberg, Steven M. et al.									
118	McDonald, Omid									
119	Hoffberg, Linda Irene et al.									
120	Hoffberg, Steven M. et al.									
121	Das, Arnab et al.									
122	Chen, Xuemin									
123	Wise, Adrian P. et al.									
124	Hoffberg, Steven M. et al.									
125	Shaw, Venson M. et al.									
126	Hoffberg, Steven M. et al.									

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127	×		us	5862260	A	19990119	
128	\boxtimes		US	5850481	Α	19981215	
129	×		US	5841978	A	19981124	
130	☒		US	5835792	A	19981110	
131	⊠		us	5832289	Α	19981103	
132	⊠		US	5832119	A	19981103	
133	⊠		US	5829007	A	19981027	
134	Ø		us	5828907	A	19981027	
135	☒		US	5825680	A	19981020	
136	⊠		US	5822436	A	19981013	
137	☒		US	5821885	A	19981013	
138	⊠		US	5812195	A	19980922	
139						19980908	
140	☒		US	5801973	Α	19980901	
141	Ø		US	5798719	A	19980825	

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	Title	Current OR	Current XRef	Retrieval Classif
127	Methods for surveying dissemination of proprietary empirical data			
128	Steganographic system	382/232	382/181	
129	Network linking method using steganographically embedded data objects	709/217	101/483; 345/760; 380/28; 713/162; 713/176; 713/201	
130	Token-based adaptive video processing arrangement	710/68	345/506; 712/36	
131	System for estimating worst time duration required to execute procedure calls and looking ahead/preparing for the next stack operation of the forthcoming procedure calls	712/30	709/201; 709/203; 718/102	
132	Methods for controlling systems using control signals embedded in empirical data	382/232	382/191; 713/176	
133	Technique for implementing a swing buffer in a memory array	711/5	345/567; 345/571; 365/189.04; 365/230.04; 365/230.05; 711/104; 711/168	
134	Token-based adaptive video processing arrangement	710/68	345/506; 712/36	
135	Method and apparatus for performing fast division	708/650	708/521	
136	Photographic products and methods employing embedded information	380/54	380/59; 382/306; 428/204; 713/176	
137	Video decompression	341/67		
138	Video compression using an iterative correction data coding method and systems	375/240.16	375/240.24	
139	Document data processor for an object-oriented knowledge management system containing a personal database in communication with a packet processor	707/103R	707/5	
140	Video decompression	708/203		
141	Parallel Huffman decoder	341/67	341/65; 704/200.1	

	Inventor	S	С	P	2	3	4	5	Image Doc. Displayed	PT
127	Rhoads, Geoffrey B.									
128	Rhoads, Geoffrey B.									
129	Rhoads, Geoffrey B.									
130	Wise, Adrian P. et al.									
131	Shaw, Venson M. et al.									
132	Rhoads, Geoffrey B.									
133	Wise, Adrian P. et al.									
134	Wise, Adrian P. et al.									
135	Wheeler, William R. et al.									
136	Rhoads, Geoffrey B.									
137	Wise, Adrian P. et al.									
138	Zhang, Tai Y.									
139	Shaw, Venson M. et al.									
140	Wise, Adrian P. et al.									
141	Wise, Adrian P. et al.									

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142	⊠		US 5796434	A	19980818	
143	⊠		US 5774357	A	19980630	
144	⊠		US 5768629	A	19980616	
145	Ø		US 5754766	A	19980519	
146	×		US 5754227	A	19980519	
147	Ø		US 5748789	A	19980505	
148	⊠		US 5748783	Α	19980505	
149	⊠		US 5748763	Α	19980505	
150	⊠		US 5745758	A	19980428	
151	⊠		US 5740460	A	19980414	
152	⊠		US 5734754	А	19980331	11

				
	Title	Current OR	Current XRef	Retrieval Classif
142	System and method for performing motion estimation in the DCT domain with improved efficiency	348/403.1	348/699; 375/240.02; 375/240.14; 375/240.15; 375/240.16	
143	Human factored interface incorporating adaptive pattern recognition based controller apparatus	713/600	348/110; 348/27; 348/734; 712/240; 712/245	
144	Token-based adaptive video processing arrangement	710/68	345/506; 712/36	
145	Integrated circuit system for direct document execution	709/200	712/1; 715/500; 715/526	
146	Digital electronic camera having an external input/output interface through which the camera is monitored and controlled	348/231.6	348/373; 348/552	
147	Transparent block skipping in object-based video coding systems	•	382/239	
148	Method and apparatus for robust information coding	382/232	283/113; 283/77; 283/901; 380/241; 380/51; 380/55; 713/176	
149	Image steganography system featuring perceptually adaptive and globally scalable signal embedding	382/115	348/460; 380/200; 380/241; 382/232; 382/276; 713/176	
150	System for regulating multicomputer data transfer by allocating time slot to designated processing task according to communication bandwidth capabilities and modifying time slots when bandwidth change	718/102	709/201; 709/224; 709/242; 710/60; 712/42	
151	Arrangement for processing packetized data	348/473		
152	System for model-based compression of speckle images	382/243	382/279	

	Inventor	s	С	P	2	3	4	5	Image Doc. Displayed	РТ
142	Lempel, Mody									
143	Hoffberg, Steven M. et al.									
144	Wise, Adrian P. et al.									
145	Shaw, Venson M. et al.									
146	Fukuoka, Hiroki									
147	Lee, Ming-Chieh et al.		ņ							
148	Rhoads, Geoffrey B.									
149	Rhoads, Geoffrey B.									
150	Shaw, Venson M. et al.					·				
151	Wise, Adrian P. et al.									
152	Parker, Kevin J.								US 5734754	

	U	1	Document	ID	Issue Date	Pages
153	×		US 5710834	A	19980120	
154	☒		US 5703793	Α	19971230	
155	⊠		US 5661822	A	19970826	
156	⊠		US 5636292	A	19970603	
157	⊠		US 5629780	A	19970513	
158	Ø		US 5610657	Α	19970311	
159	×		US 5600844	A	19970204	
160	×		US 5506954	A	19960409	
161	×		US 5490247	A	19960206	
162	⊠		US 5457780	A	19951010	

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	Title	Current OR	Current XRef	Retrieval
				Classif
			380/202;	
	Method and apparatus		380/243;	
	responsive to a code signal		380/55;	
11 - 7 1	conveyed through a graphic	382/232	382/244;	
	image		382/248;	
	ıage		434/315;	
			434/316	
154	Video decompression	382/232	708/203	
155	Data compression and	202/22		
1166 1	decompression	382/233		
			235/382;	
			235/494;	
	Steganography methods	/	358/1.9;	
156	employing embedded	382/232	358/434;	
	calibration data		382/115;	
			382/254	
			358/539;	
	Image data compression having	,	382/166;	
157	minimum perceptual error	382/250	382/232;	
	minimum portoopodar orror		382/251	
	Video compression using an			
	iterative error data coding	375/240 16		
	method	3,3,210.10		
	Single chip integrated			
	girquit gyatom architogture		348/441;	
	for document installation set	715/500	375/240.15;	
	computing		375/240.16	
			348/14.08;	
	PC-based conferencing system		348/14.13;	
1.00		245/501	370/260;	
160	PC-based conferencing system	343/301	379/202.01;	
			•	
			709/204	
	Video subsystem for	0.45./505	5 00/001	
161		345/501	709/204	
	system			
			345/501;	
	System for producing a		345/522;	
1	video-instruction set		345/555;	
		345/502	375/240.15;	
	differential bit map and		375/240.16;	
	microblock subimages		375/240.25;	
			382/305	

	Inventor	s	С	P	2	3	4	5	Image Doc. Displayed	PT
153	Rhoads, Geoffrey B.									
154	Wise, Adrian P. et al.									
155	Knowles, Gregory P. et al.									
156	Rhoads, Geoffrey B.									
157	Watson, Andrew B.									
158	Zhang, Tai Y.									
159	Shaw, Venson M. et al.									
160	Arshi, Taymoor et al.									
161	Tung, Peter et al.									
162	Shaw, Venson M. et al.									